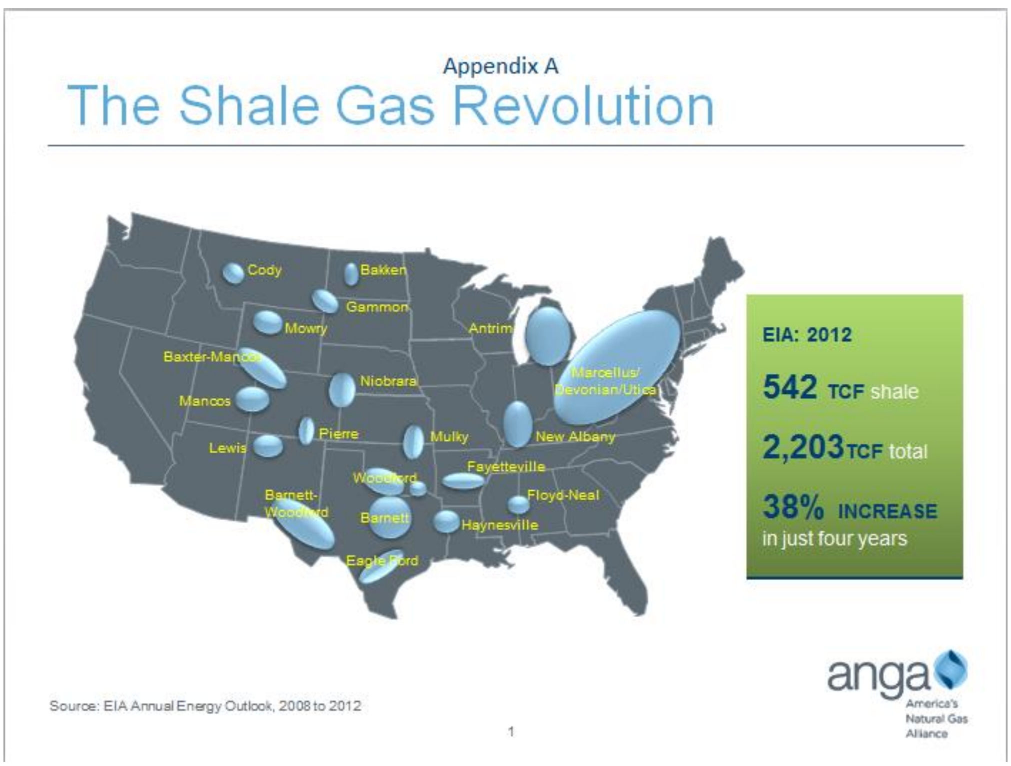
Submitted by Michelle Bloodworth
Vice President of State Affairs and Business Development

What is the potential in Michigan for non-renewable generation from Michigan energy sources?

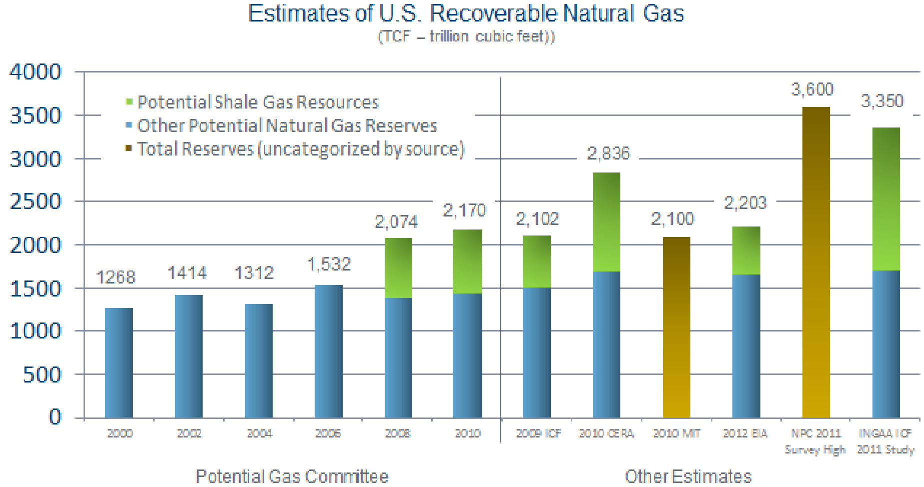
Michigan is fortunate to sit atop several shale plays. And it is those shale plays, particularly the Antrim, Collingwood and Utica here in Michigan, that have given us an abundance and availability of a clean energy source that is home grown (Appendix A). It is widely accepted now that we have enough accessible natural gas throughout our country to reshape the energy landscape (Appendix B). And, for Michigan, some of the necessary production can be found within our borders. With great infrastructure in place, Michigan has a major network of pipelines able to deliver the natural gas production to new power generation loads (Appendix C) and has unique geological formations that have allowed it to be a leader nationally in storage (Appendix D). On top of this, natural gas plants have attractive life cycle economics: 1) costing less to build than other intermediary or baseload generation and 2) operating more efficiently than plants relying on other fuels. The price stability (Appendix E) that comes with the abundance of domestic natural gas, along with the growing trend toward long-term contracts in the industry, further provides both producers and utilities with a stable foundation for Michigan's energy future. That's why more and more electric generation nationally is being powered by natural gas today.



Find out more about Natural Gas at www.ANGA.us

Appendix B

Abundant By Any Estimate



Sources:
ICF: As reported in MIT Energy Initiative, 2010, The Future of Natural Gas, interim report ; Table 2.1
EIA: 2012 AEO, June 2012
PGC: Potential Gas Committee's Advance Summary and press release of its biennial assessment; see www.potentialgas.org
CERA: IHS CERA, 2010, Fueling North America's Energy Future: The Unconventional Natural Gas Revolution and the Carbon Agenda
MIT: MIT Energy Initiative, 2010, The Future of Natural Gas, interim report
NPC: Realizing the Potential of North America's Abundant Natural Gas and Oil Resources Johns Hopkins University ; Prudent Development Study 2011

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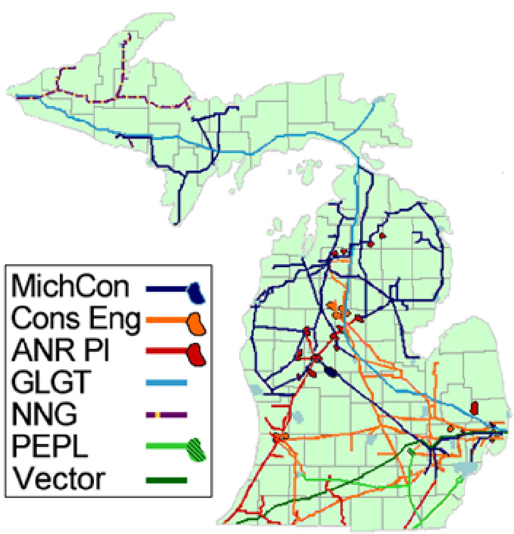
Appendix C

Pipeline Infrastructure In Place



- Served by four major interstate pipelines with a combined 16.5 Bcf per day of capacity and 400 Bcf of storage in the heart of the state.
- Access to virtually all of North America's major supply and shale basins and also Western Canada.
- Two-way pipeline flows and connectivity throughout the state with influx of shale gas.
- Expansions proposed by Enbridge and Bluewater lead future development prospects.

Map Source: Michigan Public Service Commission

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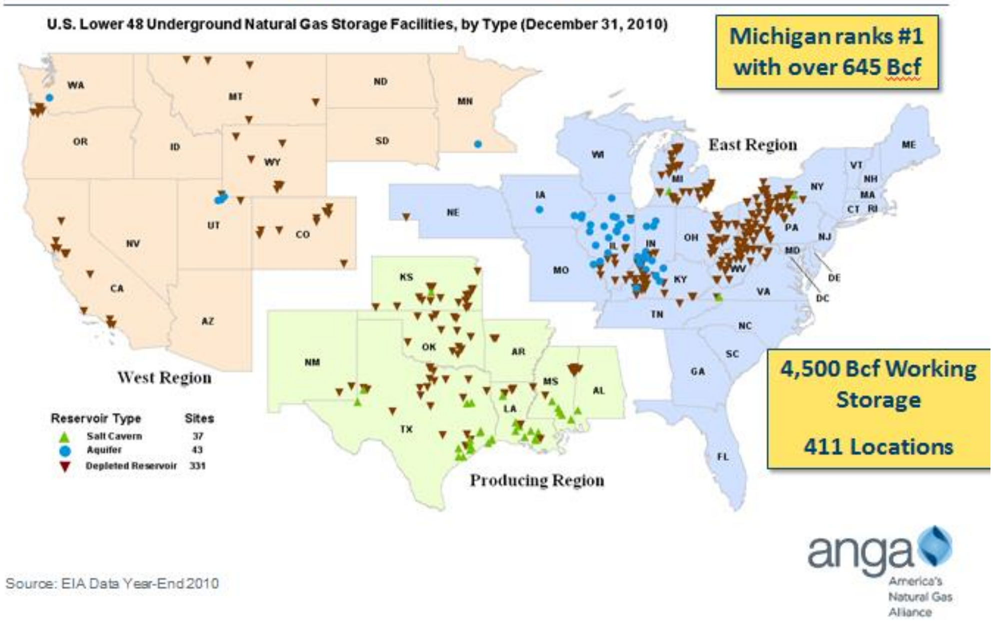
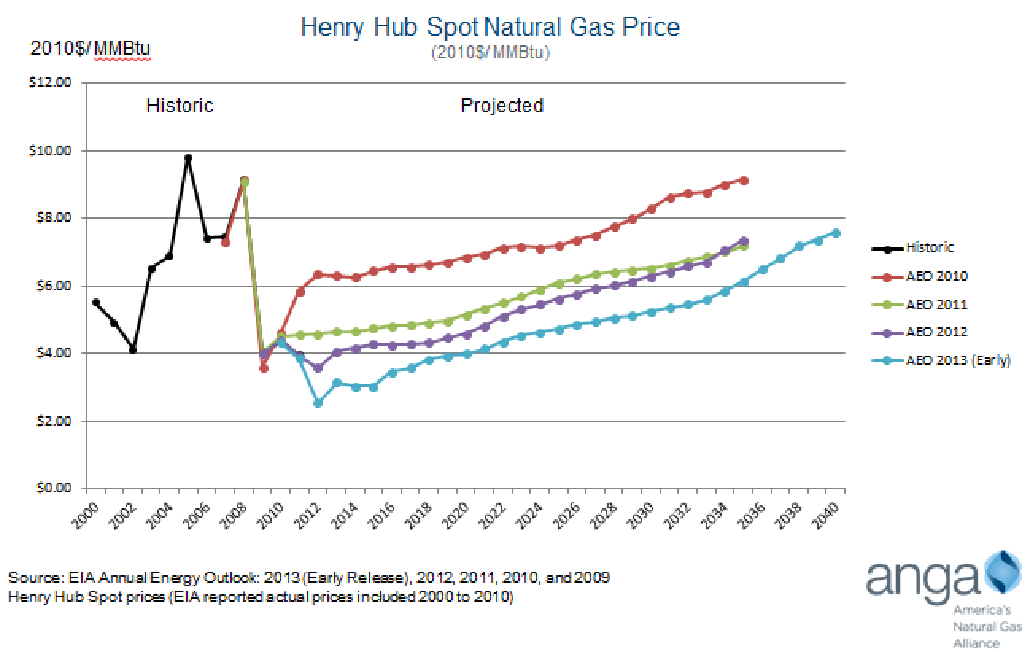
Appendix D

U.S. Storage Capacity



Appendix E

Long-Term Price Stability



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